

# Koken TOOLS

For the master mechanic

## Socket Wrenches

Efficient dependable tools  
for automobiles and service stations.  
No. 6610





# Ko-ken

## SOCKET WRENCHES

*"Designed for Master Mechanics"*

KO-KEN series of Super Wrenches are designed by veteran mechanics from years of actual experience in the automotive and airplane repair work. Hence, characteristic features are found to be engineered in every working detail of these wrenches making them the outstanding choice of all Master Mechanics the world over who value Accurate Design and Rugged Dependability in their day-to-day working tools.

### *Guarantee*

*Ko-ken tools are built to meet the exacting and particular working requirements of professional mechanics. The product of an organization that is committed to the highest quality it is possible to produce. Every tool manufactured and sold by this company has been carefully inspected before leaving the factory and, to best of our knowledge, is free from defects in materials or workmanship. Any tool found to be defective in materials or workmanship will be repaired or replaced cheerfully. Tools which have failed for reasons other than those stated above, or because of abuse, intentional or unintentional, will not be replaced.*

### *NOTICE*

*Due to ceaseless progress in production methods, prices, design, finish and materials are subject to change for better service.*

**KO-KEN TOOL COMPANY, LTD.**

657 ONUKI KITO-MURA OGASA-GUN SHIZUOKA-KEN JAPAN  
CABLE ADDRESS: "KO-KEN SHIZUOKA". TEL KITO 170



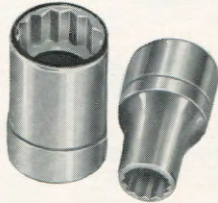
# KO-KEN SOCKET WRENCHES

## 1/2" SQUARE DRIVE

Federal Specs.: GGG-641d.  
For Mechanics JIS No.:8490.

Ko-ken sockets are made from chrome molybdenum steel and scientifically heat-treated for proper hardness and toughness. Strong thin walls have maximum clearance. Accurate openings provide a good, snug grip and prevent slippage. All of these are chrome plated.

### STANDARD SOCKETS



4412~4419. 4409M~4415M



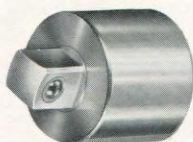
4420~4440. 4416M~4432M



4316~4340. 4312M~4332M.

AMERICAN INCH SIZES A/F				METRIC SIZES				AMERICAN INCH SIZES A/F OR METRIC SIZES			
STANDARD SOCKETS DOUBLE HEXAGON(12-POINT)								DEEP LENGTH SOCKETS DOUBLE HEXAGON(12-POINT)			
NO.	WRENCH SIZE	LENGTH INCH (MM)	WT. Lbs. (gr)	NO.	WRENCH SIZE	LENGTH INCH (MM)	WT. Lbs. (gr)	NO.	WRENCH SIZE	LENGTH INCH (MM)	WT. Lbs. (gr)
4412	3/8"	1 3/64" (37mm)	.10 (43 gr)	4409M	9mm	1 3/64" (37mm)	.09 (40 gr)	4316	1/2"	3" (76mm)	.22 (100 gr)
4414	7/16"	" (37mm)	.10 (43 gr)	4410M	10mm	" (37mm)	.095 (44 gr)	4318	9/16"	3" (76mm)	.22 (100 gr)
4416	1/2"	" (37mm)	.11 (50 gr)	4411M	11mm	" (37mm)	.10 (45 gr)	4320	5/8"	3" (76mm)	.24 (110 gr)
4418	9/16"	" (37mm)	.12 (52 gr)	4412M	12mm	" (37mm)	.10 (46 gr)	4322	11/16"	3" (76mm)	.31 (140 gr)
4419	5/8"	1 1/2" (38mm)	.12 (53 gr)	4413M	13mm	" (37mm)	.11 (49 gr)	4324	3/4"	3" (76mm)	.37 (170 gr)
4420	5/8"	" (38mm)	.12 (56 gr)	4414M	14mm	" (37mm)	.12 (53 gr)	4326	13/16"	3" (76mm)	.42 (190 gr)
4421	21/32"	" (38mm)	.13 (60 gr)	4415M	15mm	1 1/2" (38mm)	.12 (54 gr)	4328	7/8"	3" (76mm)	.46 (210 gr)
4422	11/16"	" (38mm)	.16 (71 gr)	4416M	16mm	" (38mm)	.12 (57 gr)	4330	15/16"	3" (76mm)	.55 (250 gr)
4424	3/4"	" (38mm)	.19 (86 gr)	4417M	17mm	" (38mm)	.16 (70 gr)	4332	1"	3" (76mm)	.66 (300 gr)
4425	25/32"	" (38mm)	.19 (86 gr)	4418M	18mm	" (38mm)	.16 (74 gr)	4334	1 1/16"	3" (76mm)	.75 (340 gr)
4426	13/16"	" (38mm)	.21 (93 gr)	4419M	19mm	" (38mm)	.19 (86 gr)	4340	1 1/4"	3" (76mm)	.84 (380 gr)
4428	7/8"	" (38mm)	.25 (115 gr)	4420M	20mm	" (38mm)	.20 (90 gr)	4312M	12mm	3" (76mm)	.20 (90 gr)
4430	15/16"	" (38mm)	.28 (125 gr)	4421M	21mm	" (38mm)	.22 (103 gr)	4314M	14mm	3" (76mm)	.22 (100 gr)
4431	31/32"	" (38mm)	.31 (140 gr)	4423M	23mm	" (38mm)	.27 (123 gr)	4317M	17mm	3" (76mm)	.29 (130 gr)
4432	1"	2 1/32" (42mm)	.35 (160 gr)	4424M	24mm	" (38mm)	.29 (130 gr)	4319M	19mm	3" (76mm)	.37 (170 gr)
4434	1 1/16"	" (42mm)	.40 (180 gr)	4425M	25mm	1 1/32" (42mm)	.35 (160 gr)	4321M	21mm	3" (76mm)	.44 (200 gr)
4436	1 1/8"	1 47/64" (44mm)	.43 (195 gr)	4426M	26mm	" (42mm)	.38 (173 gr)	4323M	23mm	3" (76mm)	.48 (220 gr)
4440	1 1/4"	" (44mm)	.58 (262 gr)	4427M	27mm	" (42mm)	.40 (180 gr)	4326M	26mm	3" (76mm)	.66 (300 gr)
				4428M	28mm	1 17/64" (44mm)	.41 (185 gr)	4329M	29mm	3" (76mm)	.77 (350 gr)
				4429M	29mm	" (44mm)	.43 (195 gr)	4332M	32mm	3" (76mm)	.83 (380 gr)
				4432M	32mm	" (44mm)	.55 (261 gr)				

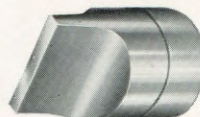
### ADAPTERS



3344A~6644A

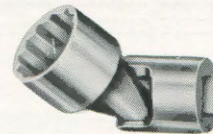
### SCREW DRIVER SOCKETS

Used on drag links and large  
Screws of many assemblies.



4444~4448

### UNIVERSAL SOCKETS- DOUBLE HEXAGON(12-POINT)



4475~4477  
4475M~4477M

NO.	FEMALE	MALE	WT. Lbs (gr)
3344 A	3/8" F	1/2" M	.08 (36 gr)
4433 A	1/2" F	3/8" M	.14 (65 gr)
4466 A	1/2" F	3/4" M	.34 (152 gr)
6644 A	3/4" F	1/2" M	.44 (200 gr)

NO.	SIZE OF BITS	WT. Lbs (gr)
4444	3/4" x 0.115"	.16 (73 gr)
4446	5/16" x 0.154"	.16 (73 gr)
4448	1 3/16" x 0.154"	.32 (146 gr)

NO.	WRENCH SIZE	TOTAL LENGTH INCH (MM)	WT. Lbs (gr)
4475	1/2"	2 9/16" (54mm)	.25 (113 gr)
4476	9/16"	2 3/4" (58mm)	.24 (103 gr)
4477	5/8"	2 11/16" (68mm)	.25 (113 gr)
4475M	12mm	2 9/16" (54mm)	.25 (113 gr)
4476M	14mm	2 3/4" (58mm)	.24 (110 gr)
4477M	17mm	2 11/16" (68mm)	.25 (113 gr)



# KO-KEN SOCKET WRENCHS & HANDLES

Federal Specs.: GGG-641d. For Master Mechanics JIS No.:8489. 8490.  
JAPANESE INDUSTRIAL STANDARD: No. B4636. B4637. B4638. B4639. B4640. B4641.

## 1/2" SQUARE DRIVE

Made from special alloy steel and chrome plated. With the several types available, all kinds of jobs can be handled efficiently.

### HINGE HANDLES



- (NS-12) NO. 4467 HINGE HANDLE, 300mm (12"), 675gr (1.45Lbs)  
(NS-15) NO. 4468 HINGE HANDLE, 380mm (15"), 870gr (1.92Lbs)

### SLIDING BAR T HANDLE



- (SL-12) NO. 4485 SLIDING BAR T HANDLE, 300mm (12"), 450gr (1Lbs)

### EXTENSION BARS



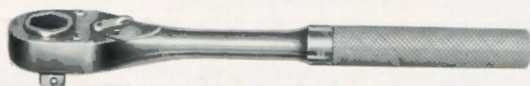
- (E- 6) NO. 4462 EXTENSION BAR, 150mm ( 6"), 265gr (.58Lbs)  
(E-10) NO. 4463 EXTENSION BAR, 250mm (10"), 430gr (.95Lbs)

### SPEED HANDLES

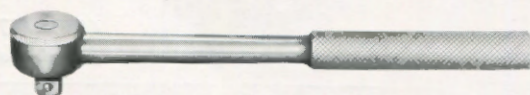


- (SH-18) NO. 4480 SPEED HANDLE, 450mm (18"), 750gr (1.65Lbs)  
(SH-16) NO. 4481 SPEED HANDLE, 400mm (16"), 700gr (1.50Lbs)

### REVERSIBLE RATCHETS



- (RH-10E) NO. 4449 REVERSIBLE RATCHET, 250mm (10"), 610gr (1.35Lbs)  
(RH-15E) NO. 4450 REVERSIBLE RATCHET, 450mm (15"), 870gr (1.92Lbs)



- (RH-10A) NO. 4451 REVERSIBLE RATCHET, 250mm (10"), 500gr (1.1Lbs)



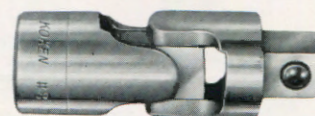
- (CW-10T) NO. 4491 CAM WRENCH, 700gr (1.55Lbs)

### REVERSIBLE RATCHET



- (RH-10K) NO. 4454 REVERSIBLE RATCHET, 630gr (1.45Lbs)

### UNIVERSAL JOINT



- (#8) NO. 4470 UNIVERSAL JOINT, 69mm (2 3/8"), 145gr (.32Lbs)

### PIN HANDLE

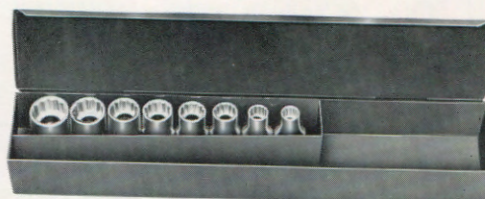


- (CB-10) NO. 4300 PIN HANDLE, 250mm (10"), 185gr (.41Lbs)

### RATCHET ADAPTER



- (RA-4A) NO. 4455 RATCHET ADAPTER, 64mm (2 1/2"), 300gr (.66Lbs)



### NO.8 SOCKET WRENCH SET (12-POINT)

- 8PCS. DOUBLE HEXAGON SOCKETS INCH SIZE  
7/16", 1/2", 9/16", 5/8", 3/4", 11/16", 7/8", 15/16".  
NO. 4485 SLIDING BAR T HANDLE  
METAL BOX. 12 3/16" x 2 3/8" x 1 3/8"  
NET WT. 1.4kg (3.1Lbs)

### NO.8M SOCKET WRENCH SET (12-POINT)

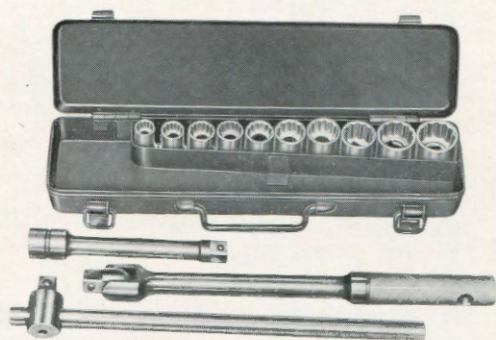
- 8PCS. DOUBLE HEX SOCKETS MM SIZE  
9, 10, 12, 13, 14, 15, 17, 19.  
NO. 4485 SLIDING BAR T HANDLE  
METAL BOX. 310mm x 95mm x 50mm  
NET WT. 1.4kg (3.1Lbs)





## KO-KEN SOCKET WRENCH SETS

### 1/2" SQUARE DRIVE



#### NO.25 SOCKET WRENCH SET (12-POINT)

10PCS. DOUBLE HEXAGON SOCKETS INCH SIZE.

7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 15/16".

NO. 4467 HINGE HANDLE,

NO. 4485 SLIDING BAR T HANDLE,

NO. 4462 EXTENSION BAR,

METAL BOX: 12 3/4" x 3 3/4" x 2"

NET WT: 2.7kg (6Lbs)

#### NO.25M SOCKET WRENCH SET (12-POINT)

10PCS. DOUBLE HEXAGON SOCKETS MM SIZE.

9, 10, 12, 13, 14, 15, 17, 19, 21, 23.

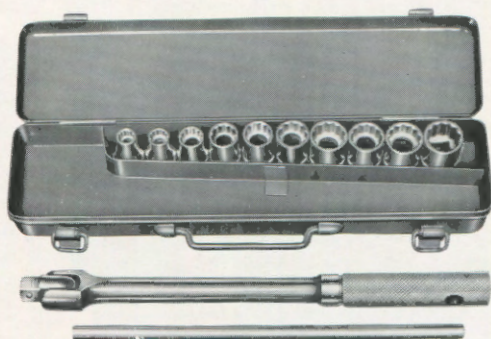
NO. 4467 HINGE HANDLE,

NO. 4485 SLIDING BAR T HANDLE,

NO. 4462 EXTENSION BAR,

METAL BOX: 310mm x 95mm x 50mm.

NET WT: 2.7kg (6Lbs)



#### NO.20 SOCKET WRENCH SET (12-POINT)

10PCS. DOUBLE HEXAGON SOCKETS INCH SIZE.

7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 15/16", 1"

NO. 4467 HINGE HANDLE,

NO. 4300 PIN HANDLE,

METAL BOX: 12 3/4" x 3 3/4" x 2"

NET WT: 1.94kg (4.3Lbs)

#### NO.20M SOCKET WRENCH SET

10PCS. DOUBLE HEXAGON SOCKETS MM SIZE.

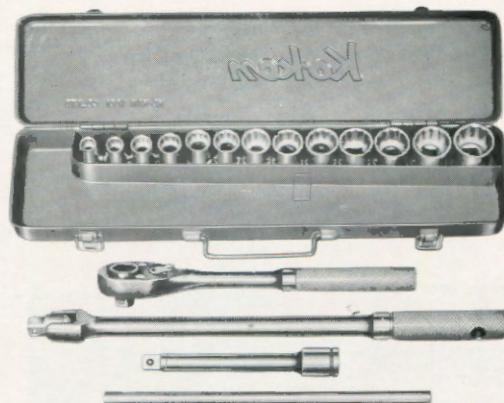
9, 10, 12, 13, 14, 15, 16, 17, 18, 19.

NO. 4467 HINGE HANDLE,

NO. 4300 PIN HANDLE,

METAL BOX: 310mm x 95mm x 50mm

NET WT: 2.115kg (4.4Lbs)



#### NO.30 SOCKET WRENCH SET (12-POINT)

13PCS. DOUBLE HEXAGON SOCKETS INCH SIZE.

7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 15/16", 1"

NO. 4449 REVERSIBLE RATCHET, 250mm.

NO. 4468 HINGE HANDLE,

NO. 4462 EXTENSION BAR,

NO. 4300 PIN HANDLE,

METAL BOX: 15 3/8" x 3 3/4" x 2"

NET WT: 3.855kg (8.5Lbs)

#### NO.30M SOCKET WRENCH SET (12-POINT)

13PCS. DOUBLE HEXAGON SOCKETS MM SIZE.

9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 23, 26.

NO. 4449 REVERSIBLE RATCHET, 250mm.

NO. 4468 HINGE HANDLE,

NO. 4462 EXTENSION BAR,

NO. 4300 PIN HANDLE

METAL BOX: 400mm x 95mm x 50mm.

NET WT: 3.85kg (8.5Lbs)



#### NO.45S I.S.O. SOCKET WRENCH SET (20PCS. 12-POINT. SOCKETS, MM SIZE)

9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,

21, 22, 23, 24, 25, 26, 27, 30, 32.

NO. 4481 SPEED HANDLE, 400mm.

NO. 4485 SLIDING BAR T HANDLE

NO. 4451 REVERSIBLE RATCHET.

NO. 4461 EXTENSION BAR, 125mm.

NO. 4463 EXTENSION BAR, 250mm.

NO. 4470 UNIVERSAL JOINT.

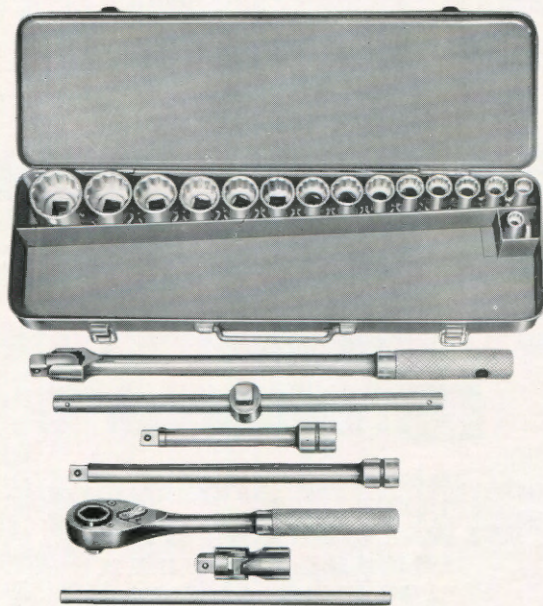
METAL BOX: 445mm x 190mm x 50mm.

NET WT: 6.35kg (14.5Lbs)



## KO-KEN SOCKET WRENCH SETS

### 1/2" SQUARE DRIVE



#### NO.44 GENERAL SOCKET WRENCH SET (12-POINT)

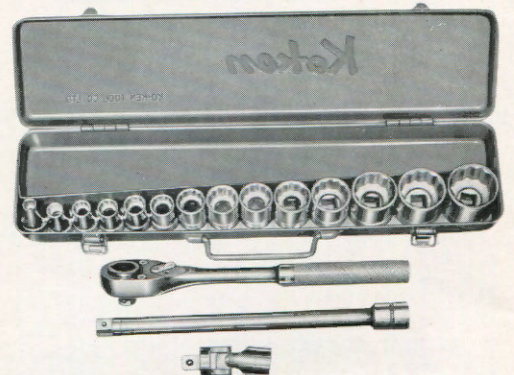
15PCS. DOUBLE HEXAGON SOCKETS INCH SIZE.  
 $\frac{3}{8}$ ",  $\frac{7}{16}$ ",  $\frac{1}{2}$ ",  $\frac{9}{16}$ ",  $\frac{5}{8}$ ",  $\frac{11}{16}$ ",  $\frac{3}{4}$ ",  $\frac{7}{8}$ ",  $\frac{15}{16}$ ",  
 $\frac{1}{8}$ ",  $\frac{5}{16}$ ",  $1$ ",  $1\frac{1}{8}$ ",  $1\frac{1}{4}$ ".  
 NO. 4468 HINGE HANDLE.  
 NO. 4485 SLIDING BAR T HANDLE.  
 NO. 4462 EXTENSION BAR.  
 NO. 4463 EXTENSION BAR.  
 NO. 4449 REVERSIBLE RATCHET.  
 NO. 4470 UNIVERSAL JOINT.  
 NO. 4300 PIN HANDLE.  
 METAL BOX:  $16\frac{3}{4}$ " x  $4\frac{5}{8}$ " x 2".  
 NET WT: 5.6kg (12.3Lbs)

#### NO.44M GENERAL SOCKET WRENCH SET (12-POINT)

15PCS. DOUBLE HEXAGON SOCKETS MM SIZE.  
 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 21, 23, 26, 29, 32.  
 NO. 4468 HINGE HANDLE.  
 NO. 4485 SLIDING BAR T HANDLE.  
 NO. 4462 EXTENSION BAR.  
 NO. 4463 EXTENSION BAR.  
 NO. 4449 REVERSIBLE RATCHET.  
 NO. 4470 UNIVERSAL JOINT.  
 NO. 4300 PIN HANDLE.  
 METAL BOX: 415mm x 120mm x 50mm.  
 NET WT: 5.6kg (14.2Lbs)

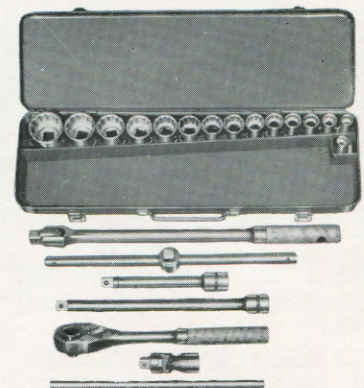
#### NO.46M I.S.O. SOCKET WRENCH SET.

(18PCS, 12-POINT, SOCKETS, MM SIZE)  
 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 28, 30, 32.  
 NO. 4468 HINGE HANDLE.  
 NO. 4485 SLIDING BAR T HANDLE.  
 NO. 4481 SPEED HANDLE.  
 NO. 4462 EXTENSION BAR.  
 NO. 4463 EXTENSION BAR.  
 NO. 4451 REVERSIBLE RATCHET.  
 NO. 4300 PIN HANDLE.  
 NO. 4470 UNIVERSAL JOINT.  
 METAL BOX: 445mm x 190mm x 50mm.  
 NET WT: 6kg (13.3Lbs)



#### NO.33M I.S.O. SOCKET WRENCH SET (13PCS, 12-POINT, SOCKETS, MM SIZE)

8, 10, 11, 12, 13, 14, 17, 19, 22, 24, 27, 30, 32.  
 NO. 4451 REVERSIBLE RATCHET.  
 NO. 4462 EXTENSION BAR.  
 NO. 4470 UNIVERSAL JOINT.  
 METAL BOX: 400mm x 95mm x 50mm.  
 NET WT: 3.85kg (8.5Lbs)



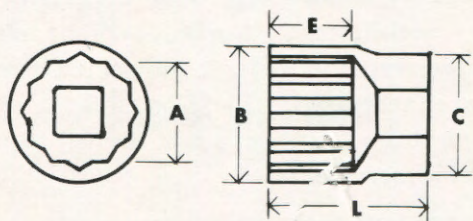
#### NO.44MI I.S.O. SOCKET WRENCH SET (15PCS, 12-POINT, SOCKETS, MM SIZE)

10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24, 27, 30, 32.  
 NO. 4468 HINGE HANDLE.  
 NO. 4485 SLIDING BAR T HANDLE.  
 NO. 4462 EXTENSION BAR.  
 NO. 4463 EXTENSION BAR.  
 NO. 4451 REVERSIBLE RATCHET.  
 NO. 4470 UNIVERSAL JOINT.  
 NO. 4300 PIN HANDLE.  
 METAL BOX: 415mm x 120mm x 50mm.  
 NET WT: 5.85kg (14.2Lbs)



# KO-KEN SOCKET WRENCHS & B.S.W. SETS

## 1/2" SQUARE DRIVE



1/2" SQ, DR, 12-POINT, SOCKETS, B. S.W. SIZE.

Item NO:	WRENCH SIZE		A inches	B inches	C inches	E inches	L inches	WT. Lbs (gr)
	B.S.F.	B.S.W.						
4704W	3/16"	1/8"	.343"	17/32"	51/64"	21/64"	1 29/64"	.1 (43)
4706W	1/4"	3/16"	.448"	9/16"	53/64"	23/64"	1 29/64"	.1 (43)
4708W	5/16"	1/4"	.529"	23/32"	7/8"	3/8"	1 29/64"	.11 (50)
4710W	3/8"	5/16"	.604"	53/64"	7/8"	13/32"	1 1/2"	.12 (53)
4712W	7/16"	3/8"	.715"	31/32"	31/32"	29/64"	1 1/2"	.19 (86)
4714W	1/2"	7/16"	.825"	1 1/64"	1 1/64"	47/64"	1 1/2"	.21 (93)
4716W	9/16"	1/2"	.926"	1 1/32"	1 1/32"	11/16"	1 1/2"	.28 (105)
4718W	5/8"	9/16"	1.016"	1 1/8"	1 1/8"	49/64"	1 1/2"	.35 (160)
4720W	11/16"	5/8"	1.107"	1 1/32"	1 1/32"	49/64"	1 1/2"	.48 (195)
4722W	3/4"	11/16"	1.207"	1 1/8"	1 1/8"	27/32"	1 1/2"	.58 (262)
4724W	7/8"	3/4"	1.308"	1 5/8"	1 5/8"	1 1/32"	2 13/64"	.74 (320)
4728W	1"	7/8"	1.489"	2 3/32"	1 3/32"	1 1/16"	2 13/64"	1.04 (470)

### NO. 65 KO-KEN SOCKET SET BSW :

(10PCS. 12-POINT, SOCKETS & HANDLES)

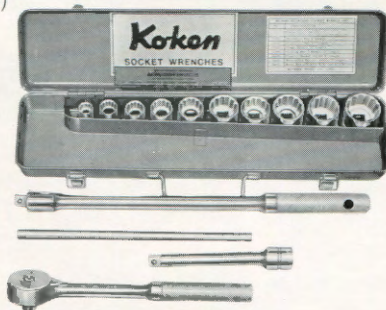
BSW: 1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16".

NO. 4467 HINGE HANDLE.

NO. 4300 PIN HANDLE.

METAL BOX: 12 3/4" x 3 3/4" x 2".

NET WT: 2kg (4.3Lbs)



### NO. 67 KO-KEN SOCKET SET BSW :

(14PCS. 12-POINT, SOCKETS & HANDLES)

1/8", 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16".

NO. 4468 HINGE HANDLE.

NO. 4300 PIN HANDLE.

NO. 4491 CAM WRENCH.

NO. 4462 EXTENSION BAR.

METAL BOX: 15 3/4" x 3 3/4" x 2".

NET WT: 3kg (6.6Lbs)



### NO. 71 KO-KEN AF/BSW SOCKET SET

(28PCS. 12-POINT, SOCKETS & HANDLES)

AF: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1".

BSW: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4".

NO. 4470 UNIVERSAL JOINT.

NO. 4491 CAM WRENCH.

NO. 4462 EXTENSION BAR.

NO. 4463 EXTENSION BAR.

NO. 4485 SLIDING BAR T HANDLE.

NO. 4468 HINGE HANDLE.

METAL BOX: 16 3/4" x 4 3/4" x 2".

NET WT: 7.8kg (17Lbs)

### NO. 70 KO-KEN AF/BSW SOCKET SET

(27PCS. 12-POINT, SOCKETS & HANDLES)

AF: 7/16", 3/8", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1".

BSW: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4".

NO. 4481 SPEED HANDLE, 16".

NO. 4491 CAM WRENCH.

NO. 4485 SLIDING BAR T HANDLE.

NO. 4462 EXTENSION BAR.

NO. 4463 EXTENSION BAR.

NO. 4467 HINGE HANDLE.

METAL BOX: 17 1/2" x 7 1/2" x 2".

NET WT: 8kg (17.6Lbs)

### NO. 74 KO-KEN AF/BSW/MM SOCKET SET

(51PCS. 12-POINT, SOCKETS & HANDLES)

MM: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21,

22, 23, 24, 26, 27, 29, 30.

AF: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1".

BSW: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16".

NO. 4326 1/16" DEEP SPARK PLUG SOCKET.

NO. 4491 CAM WRENCH.

NO. 4468 HINGE HANDLE.

NO. 4462 EXTENSION BAR.

NO. 4463 EXTENSION BAR.

NO. 4481 SPEED HANDLE.

NO. 4485 SLIDING BAR T HANDLE.

NO. 4470 UNIVERSAL JOINT.

NO. 4300 PIN HANDLE.

METAL BOX: 17 1/2" x 7 1/2" x 2".

NET WT: 11kg (24Lbs)



### NO. 90 KO-KEN COMB. AF/BSF SOCKET SET

(29PCS. 12-POINT, SOCKETS & HANDLES)

AF: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1".

BSW: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2", 9/16", 5/8".

NO. 4491 CAM WRENCH.

NO. 4485 SLIDING BAR T HANDLE.

NO. 4470 UNIVERSAL JOINT.

NO. 4326 1/16" DEEP SPARK PLUG SOCKET.

NO. 4468 HINGE HANDLE.

NO. 4462 EXTENSION BAR.

NO. 4463 EXTENSION BAR.

METAL BOX: 17 1/2" x 7 1/2" x 2".

NET WT: 8kg (17.6Lbs)



# KO-KEN SOCKET WRENCHES AND HANDLES

## 1/4" SQUARE DRIVE

Midget sockets save time and trouble on little jobs that ordinary sockets can't handle, such as the repair of carburetors, distributors, radios, instruments, etc. They are accurately made from alloy steels for super strength and scientifically heat treated to insure long, dependable service.



6-POINT  
2706 ~2709  
2704M~2707M



6-POINT  
2710 ~2716  
2708M~2712M



8-POINT  
2708S~2712S  
2708SM~2710SM

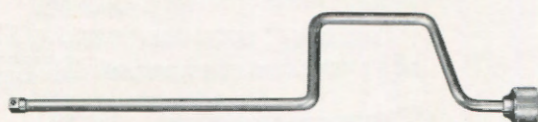
NO.	WRENCH SIZE	LENGTH INCH (MM)	WT Lbs (gr)	NO.	WRENCH SIZE	LENGTH INCH (MM)	WT Lbs (gr)
2706	3/16"	1" (25mm)	.022 (10 gr)	2704 M	4 mm	1" (25mm)	.022 (10 gr)
2707	1/8"	1" (25mm)	.026 (12 gr)	2705 M	5 mm	1" (25mm)	.022 (10 gr)
2708	1/4"	1" (25mm)	.03 (14 gr)	2706 M	6 mm	1" (25mm)	.26 (12 gr)
2709	3/8"	1" (25mm)	.036 (16 gr)	2707 M	7 mm	1" (25mm)	.03 (14 gr)
2710	1/2"	1" (25mm)	.036 (16 gr)	2708 M	8 mm	1" (25mm)	.03 (14 gr)
2711	5/8"	1" (25mm)	.044 (20 gr)	2709 M	9 mm	1" (25mm)	.036 (16 gr)
2712	3/4"	1" (25mm)	.051 (23 gr)	2710 M	10mm	1" (25mm)	.044 (20 gr)
2714	7/8"	1" (25mm)	.053 (24 gr)	2711 M	11mm	1" (25mm)	.051 (23 gr)
2716	1"	1" (25mm)	.055 (25 gr)	2712 M	12mm	1" (25mm)	.053 (24 gr)
2708 S	1/4"	1" (25mm)	.048 (22 gr)	2708 S M	8 mm	1" (25mm)	.048 (22 gr)
2710 S	5/8"	1" (25mm)	.083 (38 gr)	2710 S M	10mm	1" (25mm)	.083 (38 gr)
2712 S	3/4"	1" (25mm)	.1 (45 gr)				

### EXTENSION BARS



- (BE-2) NO. 2759 EXTENSION BAR, 50mm (2"), 26gr (.056Lbs)  
(BE-4) NO. 2760 EXTENSION BAR, 100mm (4"), 45gr (.099Lbs)  
(BE-6) NO. 2761 EXTENSION BAR, 150mm (6"), 65gr (.145Lbs)

### SPEED HANDLE



- (SH-14) NO. 2780 SPEED HANDLE, 350mm (14"), 260gr (.56Lbs)

### PIN HANDLE



- (CB-4)  
NO. 2300 PIN HANDLE, 100mm (4"), 20gr (.044Lbs)

### HINGE HANDLE



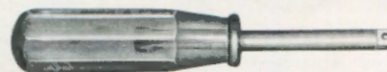
- (NS-5) NO. 2766 HINGE HANDLE, 125mm (5"), 75gr (.165Lbs)

### SLIDING BAR T HANDLE



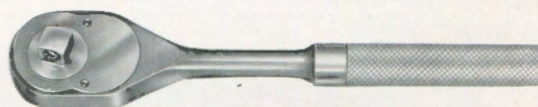
- (BL-5) NO. 2785 SLIDING BAR T HANDLE, 125mm (5"), 85gr (.175Lbs)

### SPIN TYPE HANDLE



- (SH-6A) NO. 2768 SPIN TYPE HANDLE, 130mm (6"), 100gr (.22Lbs)  
(SH-6B) NO. 2769 SPIN TYPE HANDLE, 130mm (6"), 80gr (.175Lbs)

### REVERSIBLE RATCHET



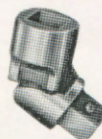
- (RH-5) NO. 2749 REVERSIBLE RATCHET, 125mm (5"), 110gr (.22Lbs)

### RATCHET ADAPTER



- (RH-2A) NO. 2750 RATCHET ADAPTER, 33mm (1 3/8"), 100gr (.22Lbs)

### UNIVERSAL JOINT



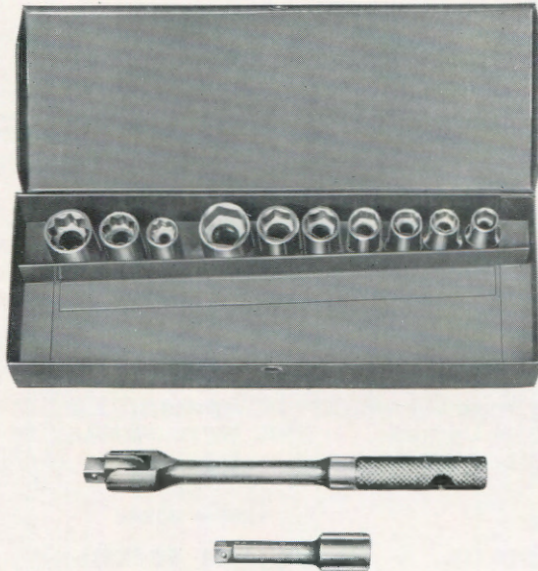
- (#7) NO. 2770 UNIVERSAL JOINT, 31.7mm (1 1/4"), 26gr (.056Lbs)



# KO-KEN MIDGET SOCKET WRENCH SETS

## 1/4" SQUARE DRIVE

### MIDGET SOCKET WRENCH SET



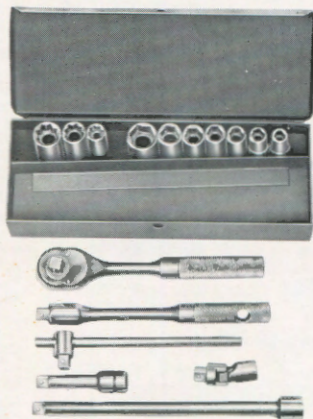
### NO. 2700 MIDGET SOCKET WRENCH SET

10PCS. MIDGET SOCKETS INCH SIZE  
 6-POINT:  $\frac{1}{32}$ ",  $\frac{1}{16}$ ",  $\frac{3}{32}$ ",  $\frac{1}{8}$ ",  $\frac{5}{32}$ ",  $\frac{3}{16}$ ",  $\frac{7}{32}$ ",  $\frac{1}{2}$ ".  
 8-POINT:  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ".  
 NO. 2766 HINGE HANDLE, 125mm.  
 NO. 2759 EXTENSION BAR, 50mm.  
 METAL BOX:  $\frac{9}{16}$ "x $2\frac{3}{8}$ "x $7\frac{1}{2}$ ".  
 NET WT: 0.6kg (1.3Lbs)

### NO. 2700M MIDGET SOCKET WRENCH SET

10PCS. MIDGET SOCKETS MM SIZE  
 6-POINT: 5, 6, 7, 8, 9, 10, 11, 12.  
 8-POINT: 8, 10.  
 NO. 2766 HINGE HANDLE, 125mm.  
 NO. 2759 EXTENSION BAR, 50mm.  
 METAL BOX: 40mmx60mmx190mm  
 NET WT: 0.6kg (1.3Lbs)

### STANDARD SOCKET WRENCH SET



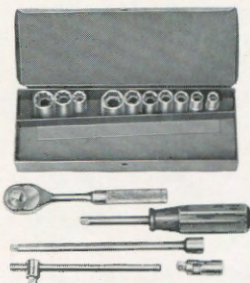
### NO. 2500 STANDARD SOCKET WRENCH SET

10PCS. SOCKETS INCH SIZE  
 6-POINT:  $\frac{1}{32}$ ",  $\frac{1}{16}$ ",  $\frac{3}{32}$ ",  $\frac{1}{8}$ ",  $\frac{5}{32}$ ",  $\frac{3}{16}$ ",  $\frac{7}{32}$ ",  $\frac{1}{2}$ ".  
 8-POINT:  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ".  
 NO. 2749 REVERSIBLE RATCHET.  
 NO. 2766 HINGE HANDLE.  
 NO. 2785 SLIDING BAR T HANDLE.  
 NO. 2759 EXTENSION BAR.  
 NO. 2761 EXTENSION BAR.  
 NO. 2770 UNIVERSAL JOINT.  
 METAL BOX:  $\frac{9}{16}$ "x $2\frac{3}{8}$ "x $7\frac{1}{2}$ ".  
 NET WT: 0.7kg (1.6Lbs)

### NO. 2500M STANDARD SOCKET WRENCH SET

10PCS. SOCKETS MM SIZE  
 6-POINT: 5, 6, 7, 8, 9, 10, 11, 12.  
 8-POINT: 8, 9.  
 NO. 2749 REVERSIBLE RATCHET.  
 NO. 2766 HINGE HANDLE.  
 NO. 2785 SLIDING BAR T HANDLE.  
 NO. 2759 EXTENSION BAR.  
 NO. 2761 EXTENSION BAR.  
 NO. 2770 UNIVERSAL JOINT.  
 METAL BOX: 40mmx60mmx190mm  
 NET WT: 0.7kg (1.6Lbs)

### SMALL SOCKET WRENCH SET



### NO. 2700H SMALL SOCKET WRENCH SET

10PCS. SOCKETS INCH SIZE  
 6-POINT:  $\frac{1}{32}$ ",  $\frac{1}{16}$ ",  $\frac{3}{32}$ ",  $\frac{1}{8}$ ",  $\frac{5}{32}$ ",  $\frac{3}{16}$ ",  $\frac{7}{32}$ ",  $\frac{1}{2}$ ".  
 8-POINT:  $\frac{1}{4}$ ",  $\frac{5}{16}$ ",  $\frac{3}{8}$ ".  
 NO. 2749 REVERSIBLE RATCHET.  
 NO. 2769 HINGE HANDLE.  
 NO. 2760 EXTENSION BAR.  
 NO. 2785 SLIDING BAR T HANDLE.  
 NO. 2770 UNIVERSAL JOINT.  
 METAL BOX:  $\frac{9}{16}$ "x $2\frac{3}{8}$ "x $7\frac{1}{2}$ ".  
 NET WT: 0.65kg (1.3Lbs)

### NO. 2700HM SMALL SOCKET WRENCH SET

10PCS. SOCKETS MM SIZE  
 6-POINT: 5, 6, 7, 8, 9, 10, 11, 12.  
 8-POINT: 8, 9.  
 NO. 2749 REVERSIBLE RATCHET.  
 NO. 2769 HINGE HANDLE.  
 NO. 2760 EXTENSION BAR.  
 NO. 2785 SLIDING BAR T HANDLE.  
 NO. 2770 UNIVERSAL JOINT.  
 METAL BOX: 40mmx60mmx190mm  
 NET WT: 0.65kg (1.3Lbs)



# KO-KEN SOCKET WRENCHES AND HANDLES

## 3/8" SQUARE DRIVE

Handles and attachments permit a great number of assemblies. The ratchet is light, trouble-free, long-lived and reversible at flip of lever. Hinge handles, noted for strength and versatility, have hole for inserting pin handle to make a tee or ell attachment. The sliding bar handle provides good leverage with the plug at the end and can be used as a tee handle. Speed handles are for fast running of nuts and bolts.

### STANDARD SOCKETS



12-POINT  
3211M ~ 3223M  
3216 ~ 3228



6-POINT  
3206M ~ 3210M  
3208 ~ 3214

### DEEP LENGTH SOCKETS



12-POINT  
3009M ~ 3021M  
3012 ~ 3028

### UNIVERSAL SOCKETS



12-POINT  
3271M ~ 3278M  
3271 ~ 3279

### STANDARD SOCKETS

### DEEP LENGTH SOCKETS

### UNIVERSAL SOCKETS

AMERICAN INCH SIZES				AMERICAN INCH SIZES				AMERICAN INCH SIZES			
NO.	WRENCH SIZE	LENGTH INCH (MM)	WT. Lbs (gr)	NO.	WRENCH SIZE	LENGTH INCH (MM)	WT. Lbs (gr)	NO.	WRENCH SIZE	LENGTH INCH (MM)	WT. Lbs (gr)
3208	1/4"	1" (25mm)	.05 (23gr)	3012	3/8"	2 3/4" (52mm)	.08 (36gr)	3271	3/8"	1 25/32" (45mm)	.09 (41gr)
3210	5/16"	1" (25mm)	~ (23gr)	3014	7/16"	~ (52mm)	.09 (41gr)	3272	7/16"	~ (45mm)	.09 (41gr)
3212	3/8"	1" (25mm)	~ (23gr)	3016	1/2"	~ (52mm)	.10 (45gr)	3273	1/2"	~ (45mm)	.10 (45gr)
3214	7/16"	1" (25mm)	~ (23gr)	3018	9/16"	~ (52mm)	.14 (63gr)	3274	9/16"	1 57/64" (48mm)	.11 (50gr)
3216	1/2"	1" (25mm)	.053 (24gr)	3020	5/8"	~ (52mm)	.15 (68gr)	3275	5/8"	2 3/4" (51.5mm)	.12 (54gr)
3218	9/16"	1 1/32" (26mm)	.056 (26gr)	3022	11/16"	~ (52mm)	.19 (86gr)	3276	11/16"	2 3/4" (61.5mm)	.13 (59gr)
3219	19/32"	~ (26mm)	.066 (30gr)	3024	3/4"	~ (52mm)	.21 (95gr)	3277	3/4"	~ (61.5mm)	.15 (68gr)
3220	5/8"	~ (26mm)	.077 (35gr)	3025	25/32"	2 27/64" (62mm)	.25 (113gr)	3278	13/16"	2 3/4" (64.5mm)	.18 (81gr)
3222	11/16"	1 1/16" (27mm)	.088 (40gr)	3026	13/16"	~ (62mm)	.28 (127gr)	3279	7/8"	2 3/4" (67.5mm)	.22 (100gr)
3224	3/4"	~ (27mm)	.105 (48gr)	3028	7/8"	~ (62mm)	.29 (132gr)	<b>METRIC SIZES</b>			
3225	25/32"	~ (27mm)	.12 (55gr)					3271 M	9 mm	1 25/32" (45mm)	.09 (41gr)
3226	13/16"	~ (27mm)	.13 (60gr)					3272 M	10mm	~ (45mm)	.09 (41gr)
3228	7/8"	~ (27mm)	.143 (65gr)					3273 M	12mm	~ (45mm)	.10 (45gr)
<b>METRIC SIZES</b>				<b>METRIC SIZES</b>				3274 M	14mm	1 57/64" (48mm)	.11 (50gr)
3206 M	6 mm	1" (25mm)	.025 (23gr)	3009 M	9 mm	2 3/4" (52mm)	.08 (36gr)	3275 M	17mm	2 3/4" (61.5mm)	.13 (50gr)
3208 M	8 mm	1" (25mm)	~ (23gr)	3010 M	10mm	~ (52mm)	.09 (41gr)	3276 M	19mm	~ (61.5mm)	.15 (68gr)
3209 M	9 mm	1" (25mm)	~ (23gr)	3011 M	11mm	~ (52mm)	.09 (41gr)	3277 M	21mm	2 3/4" (64.5mm)	.18 (81gr)
3210 M	10mm	1" (25mm)	~ (23gr)	3012 M	12mm	~ (52mm)	.09 (41gr)	3278 M	23mm	2 3/4" (67.5mm)	.20 (91gr)
3211 M	11mm	1" (25mm)	.053 (24gr)	3013 M	13mm	~ (52mm)	.10 (45gr)	<b>STANDARD BSW SOCKETS</b>			
3212 M	12mm	1" (25mm)	~ (24gr)	3014 M	14mm	~ (52mm)	.14 (63gr)	3704 W	1/8"	15/16" (24mm)	.05 (23gr)
3213 M	13mm	1" (25mm)	~ (24gr)	3017 M	17mm	~ (52mm)	.19 (86gr)	3706 W	3/16"	1" (25mm)	.053 (24gr)
3214 M	14mm	1" (25mm)	.056 (26gr)	3018 M	18mm	~ (52mm)	.20 (90gr)	3708 W	1/4"	1" (25mm)	~ (24gr)
3217 M	17mm	1 1/32" (26mm)	.088 (40gr)	3019 M	19mm	~ (52mm)	.21 (95gr)	3710 W	5/16"	1 1/32" (26mm)	.066 (30gr)
3218 M	18mm	~ (26mm)	.105 (48gr)	3021 M	21mm	2 27/64" (62mm)	.29 (132gr)	3712 W	3/8"	1 1/32" (26mm)	.106 (48gr)
3219 M	19mm	1 1/16" (27mm)	.11 (50gr)					3714 W	7/16"	1 1/16" (27mm)	.13 (60gr)
3221 M	21mm	~ (27mm)	.13 (60gr)					3716 W	1/2"	1 1/16" (27mm)	.143 (65gr)
3223 M	23mm	~ (27mm)	.145 (65gr)					3718 W	9/16"	1 1/16" (27mm)	.19 (86gr)



# KO-KEN SOCKET WRENCHES & HANDLES

## 3/8" SQUARE DRIVE

### HINGE HANDLES



- (NS-10) NO. 3266 HINGE HANDLE, 250mm(10"), 250gr (.55Lbs)  
 (NS-7) NO. 3265 HINGE HANDLE, 180mm(7"), 180gr (.39Lbs)

### SLIDING BAR T HANDLES



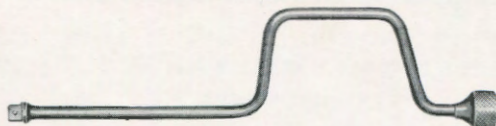
- (SL-10) NO. 3285 SLIDING BAR T HANDLE, 250mm (10"), 190gr (.42Lbs)

### EXTENSION BARS



- (SE-3) NO. 3260 EXTENSION BAR, 80mm (3"), 80gr (.197Lbs)  
 (SE-6) NO. 3261 EXTENSION BAR, 150mm (6"), 105gr (.23Lbs)  
 (SE-10) NO. 3262 EXTENSION BAR, 250mm (10"), 190gr (.42Lbs)

### SPEED HANDLE



- (SH-17) NO. 3281 SPEED HANDLE, 400mm (16"), 900gr (2Lbs)

### SPIN TYPE HANDLE



- (SH-5) NO. 3269 SPIN TYPE HANDLE, 130mm (5"), 140gr (.31Lbs)

### REVERSIBLE RATCHET



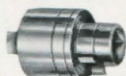
- (RH-7) NO. 3249 REVERSIBLE RATCHET, 175mm (7"), 250gr (.55Lbs)

### PIN HANDLE



NO. 3200 PIN HANDLE

### RATCHET ADAPTER



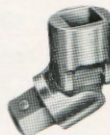
- (RH-3A) NO. 3250 RATCHET ADAPTER, 50mm (2"), 150gr (.33Lbs)

### CAM WRENCH



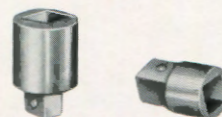
- (CW-7T) NO. 3291 CAM WRENCH, 175mm (7"), 300gr (.65Lbs)

### UNIVERSAL JOINT



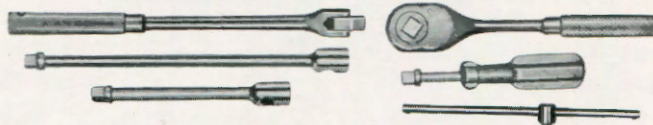
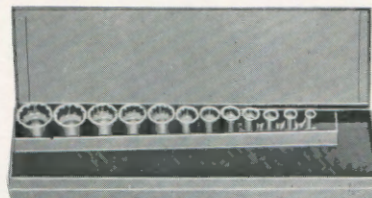
- (#9) NO. 3270 UNIVERSAL JOINT  
 50mm (1 7/8"), 89 gr (.17Lbs)

### ADAPTERS



2233A~4433A

NO.	FEMALE	MALE	WT. Lbs (gr)
2233 A	1/4" F	3/8" M	.03 (13gr)
3322 A	3/8" F	1/4" M	.05 (23gr)
3344 A	3/8" F	1/2" M	.08 (36gr)
4433 A	1/2" F	3/8" M	.14 (65gr)



### NO. 3200M SOCKET WRENCH SET

- 12PCS. SOCKETS MM SIZE  
 6-POINT 6, 8, 9, 10.  
 12-POINT 11, 12, 13, 14, 17, 18, 19, 21.  
 NO. 3261 EXTENSION BAR, 150mm.  
 NO. 3262 EXTENSION BAR, 250mm.  
 NO. 3266 HINGE HANDLE, 250mm.  
 NO. 3285 SLIDING BAR T HANDLE, 250mm.  
 NO. 3269 SPIN TYPE HANDLE, 150mm.  
 NO. 3249 REVERSIBLE RATCHET, 180mm.  
 METAL BOX: 310mm x 95mm x 50mm  
 NET WT. 2.2kg (4.85Lbs)

### NO. 3200 SOCKET WRENCH SET

- 12PCS. SOCKETS INCH SIZE  
 6-POINT 1/4", 5/16", 3/8", 7/16".  
 12-POINT 1/2", 9/16", 5/8", 11/16", 3/4", 7/8", 15/16".  
 NO. 3261 EXTENSION BAR, 150mm.  
 NO. 3262 EXTENSION BAR, 250mm.  
 NO. 3266 HINGE HANDLE, 250mm.  
 NO. 3285 SLIDING BAR T HANDLE, 250mm.  
 NO. 3269 SPIN TYPE HANDLE, 150mm.  
 NO. 3249 REVERSIBLE RATCHET, 180mm.  
 METAL BOX. 12 1/4" x 3 3/4" x 1 1/2".  
 NET WT. 2.2kg (4.85Lbs)

### NO. 3205 KO-KEN COMB. AF/BSW SOCKET SET

- 22PCS, SOCKETS & HANDLES.  
 BSW: 12-POINT: 3/16", 1/4", 5/16", 3/8", 7/16", 1/2".  
 AF: 6-POINT: 1/4", 5/16", 3/8", 7/16".  
 AF: 12-POINT: 1/2", 9/16", 5/8", 11/16", 3/4", 7/8".  
 NO. 3291 CAM WRENCH.  
 NO. 3285 SLIDING BAR T HANDLE.  
 NO. 3269 SPIN TYPE HANDLE.  
 NO. 3266 HINGE HANDLE.  
 NO. 3262 EXTENSION BAR.  
 METAL BOX: 12 1/16" x 3 3/4" x 1 1/8".  
 NET WT. 2.2kg (4.85Lbs)



# KO-KEN HEAVY-DUTY SOCKETS & HANDLES

## 3/4" SQUARE DRIVE

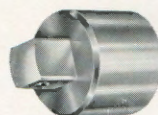
These sturdy fine alloy steel tools are used by mechanics and industrial workers who need strength, power, speed and safe operation on really tough jobs. They are essential for the maintenance and installation of heavy machinery and for the repair of trucks, buses, automobiles, tractors and farm implements. An outstanding feature of these sockets, which saves time and money, is their extra strength.



HEAVY DUTY SOCKETS, 12-POINT

NO.	SIZE	LENGTH INCH (MM)	WT. Lbs (gr)
6528	7/8"	1 3/32" (50mm)	.485 ( 220gr )
6530	15/16"	2 3/64" (52mm)	.50 ( 225gr )
6531	31/32"	" ( " )	.51 ( 230gr )
6532	1"	" ( " )	.53 ( 240gr )
6534	1 1/16"	" ( " )	.53 ( 240gr )
6536	1 1/8"	" ( " )	.57 ( 260gr )
6538	1 3/16"	2 3/32" (53mm)	.62 ( 280gr )
6540	1 1/4"	2 1/64" (55mm)	.64 ( 290gr )
6542	1 5/16"	2 13/64" (56mm)	.71 ( 320gr )
6544	1 3/8"	" ( " )	.82 ( 370gr )
6548	1 1/2"	2 9/32" (58mm)	.91 ( 410gr )
6550	1 5/8"	" ( " )	1.04 ( 470gr )
6552	1 7/8"	2 7/16" (62mm)	1.06 ( 480gr )
6554	1 11/16"	2 3/64" (63mm)	1.26 ( 570gr )
6556	1 3/4"	2 19/32" (66mm)	1.39 ( 630gr )
6558	1 13/16"	" ( " )	" ( 630gr )
6560	1 7/8"	2 3/4" (70mm)	1.5 ( 680gr )
6564	2"	2 53/64" (72mm)	1.9 ( 860gr )
6568	2 1/8"	2 61/64" (75mm)	2.04 ( 940gr )
6570	2 3/16"	3" (76mm)	3.0 (1350gr)
6572	2 1/4"	3 5/64" (78mm)	3.94 (1780gr)
6576	2 3/8"	3 5/32" (80mm)	4.2 (1900gr)
6580	2 1/2"	3 31/32" (88.5mm)	4.9 (2200gr)
6521 M	21mm	1 31/32" (50mm)	.485 ( 220gr )
6523 M	23mm	2 3/64" (52mm)	.5 ( 225gr )
6526 M	26mm	" (52mm)	.53 ( 240gr )
6528 M	28mm	" (52mm)	.55 ( 250gr )
6529 M	29mm	" (52mm)	.57 ( 260gr )
6531 M	31mm	" (52mm)	.64 ( 290gr )
6532 M	32mm	2 11/16" (55mm)	.66 ( 300gr )
6534 M	34mm	" (55mm)	.74 ( 320gr )
6535 M	35mm	2 13/64" (56mm)	.84 ( 370gr )
6536 M	36mm	" (56mm)	1.04 ( 470gr )
6538 M	38mm	2 9/32" (58mm)	" ( 470gr )
6541 M	41mm	2 25/64" (61mm)	1.08 ( 480gr )
6542 M	42mm	" (61mm)	1.15 ( 520gr )
6546 M	46mm	2 9/16" (65mm)	1.5 ( 680gr )
6550 M	50mm	2 53/64" (72mm)	2.04 ( 940gr )
6552 M	52mm	" (72mm)	2.2 (1000gr)
6554 M	54mm	2 61/64" (75mm)	2.5 (1130gr)
6558 M	58mm	3" (78mm)	2.85 (1300gr)
6563 M	63mm	3 9/64" (80mm)	3.3 (1500gr)

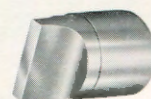
ADAPTER



(A-10)

NO. 4466A ADAPTER, 1/2" FEMALE, 3/4" MALE, 38mm (1 1/2"), 152gr (.34Lbs)

SCREW DRIVER SOCKET



(HDR-30)

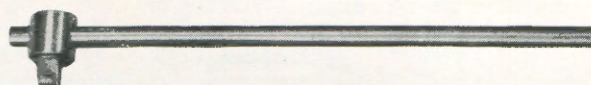
NO. 6644. SCREW DRIVER SOCKET, 1 5/16" BIT, 1/4" SIZE, 235gr (.52Lbs)

HINGE HANDLE



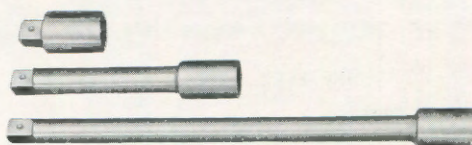
(NS-18) NO. 6668 HINGE HANDLE, 450mm (18"), 1.57kg (3.5Lbs)

SLIDING BAR T HANDLE



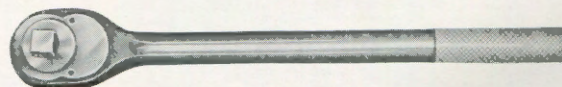
(L-20) NO. 6685 SLIDING BAR T HANDLE, 500mm (20"), 1.57kg (3.5Lbs)

EXTENSION BARS



(LH-3) NO. 6660 EXTENSION BAR, 80mm (3"), 450gr (1Lbs)  
 (LH-8) NO. 6661 EXTENSION BAR, 200mm (8"), 910gr (2Lbs)  
 (LH-16) NO. 6663 EXTENSION BAR, 400mm (16"), 1,680gr (3.7Lbs)

REVERSIBLE RATCHET



(RH-18B) NO. 6649 REVERSIBLE RATCHET, 450mm (18"), 2.4kg (5.3Lbs)

UNIVERSAL JOINT



(#20) NO. 6670 UNIVERSAL JOINT, 100mm (3 5/8"), 450gr (1Lbs)

PIN HANDLE



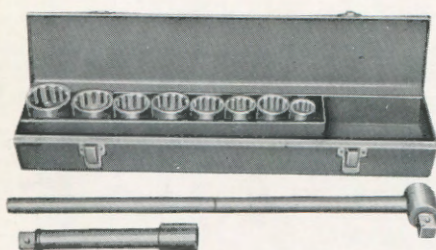
NO. 6300 PIN HANDLE, 380mm (15"), 265gr (.58Lbs)



# KO-KEN HEAVY-DUTY SOCKET WRENCH SETS

## 3/4" SQUARE DRIVE

### INCH SETS



#### NO.120 H.D. BASIC SET

(12-POINT)

8PCS. DOUBLE HEX SOCKETS INCH SIZE.

1 1/16", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8".

NO. 6685 SLIDING BAR T HANDLE

NO. 6661 EXTENSION BAR 200 mm

METAL BOX. 20 7/8" x 8 7/8" x 2 3/4".

NET WT. 6kg (13.3Lbs)

#### NO.150 H.D. STANDARD SET

(12-POINT)

10PCS. DOUBLE HEX SOCKETS INCH SIZE.

1 1/16", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 1 15/16", 1 7/8".

NO. 6685 SLIDING BAR T HANDLE

NO. 6661 EXTENSION BAR 200mm.

NO. 6663 EXTENSION BAR 400mm.

NO. 6644 SCREW DRIVER SKT.

METAL BOX. 21" x 5 1/2" x 4 1/2".

NET WT. 11.5kg (25Lbs)

#### NO.260 H.D. UTILITY SET

(12-POINT)

18PCS. DOUBLE HEX SOCKETS INCH SIZE.

5/16", 3/8", 1", 1 1/16", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 1 15/16".

1 1/2", 1 3/4", 1 5/8", 1 3/8", 1 1/4", 1 1/8", 1 1/16", 2".

NO. 6685 SLIDING BAR T HANDLE

NO. 6660 EXTENSION BAR 80mm

NO. 6661 EXTENSION BAR 200mm

NO. 6663 EXTENSION BAR 400mm

NO. 6649 REVERSIBLE RATCHET

NO. 6644 SCREW DRIVER SKT.

NO. 6670 UNIVERSAL JOINT

METAL BOX. 22" x 8 5/8" x 4 1/2".

NET WT. 19kg (42.2Lbs)

#### NO.290 H.D. GENERAL SET

(12-POINT)

22PCS. DOUBCE HEX SOCKETS INCH SIZE.

7/8", 15/16", 1", 1 1/16", 1 1/8", 1 1/4", 1 3/8", 1 1/2", 1 5/8", 1 3/4", 1 7/8", 1 15/16".

1 1/2", 1 3/4", 1 5/8", 1 3/8", 1 1/4", 1 1/8", 1 1/16", 2", 2 1/8", 2 3/16", 2 1/4".

NO. 6660 EXTENSION BAR 80mm

NO. 6661 EXTENSION BAR 200mm

NO. 6663 EXTENSION BAR 400mm

NO. 6685 SLIDING BAR T HANDLE

NO. 6649 REVERSIBLE RATCHET

NO. 6670 UNIVERSAL JOINT

METAL BOX. 26" x 9 1/4" x 4 1/2".

NET WT. 24kg (53Lbs)

### MM SETS

#### NO.120M H.D. BASIC SET

(12-POINT)

77PCS. DOUBLE HEX SOCKETS MM SIZE.

26, 29, 32, 35, 38, 41, 46.

NO. 6685 SLIDING BAR T HANDLE

NO. 6661 EXTENSION BAR 200mm

METAL BOX. 530mm x 225mm x 70mm.

NET WT. 7.4kg (16.3Lbs)

#### NO.150M H.D. STANDARD SET

(12-POINT)

10PCS. DOUBLE HEX SOCKETS MM SIZE.

26, 29, 31, 32, 34, 35, 36, 38, 41, 46.

NO. 6685 SLIDING BAR T HANDLE

NO. 6661 EXTENSION BAR 200mm.

NO. 6663 EXTENSION BAR 400mm.

NO. 6644 SCREW DRIVER SKT.

METAL BOX. 550mm x 140mm x 110mm.

NET WT. 11kg (24.1Lbs)

#### NO.260M H.D. UTILITY SET

(12-POINT)

13PCS. DOUBLE HEX SOCKETS MM SIZE.

21, 23, 26, 29, 31, 32, 34, 35, 36,

38, 41, 46, 50.

NO. 6685 SLIDING BAR T HANDLE

NO. 6649 REVERSIBLE RATCHET

NO. 6660 EXTENSION BAR 80mm.

NO. 6661 EXTENSION BAR 220mm.

NO. 6663 EXTENSION BAR 400mm.

NO. 6644 SCREW DRIVER SKT.

NO. 6670 UNIVERSAL JOINT

METAL BOX. 570mm x 225mm x 110mm.

NET WT. 16.6kg (36.7Lbs)

#### NO.290M H.D. GENERAL SET

(12-POINT)

16PCS. DOUBLE HEX SOCKETS MM SIZE.

21, 23, 26, 29, 31, 32, 34, 35, 36, 38,

41, 46, 50, 54, 58, 63.

NO. 6660 EXTENSION BAR 80mm.

NO. 6661 EXTENSION BAR 200mm.

NO. 6663 EXTENSION BAR 400mm.

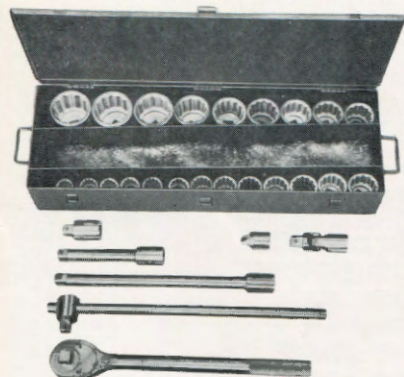
NO. 6685 SLIDING BAR T HANDLE.

NO. 6649 REVERSIBLE RATCHET.

NO. 6670 UNIVERSAL JOINT

METAL BOX. 660mm x 235mm x 110mm.

NET WT. 20kg (44Lbs)

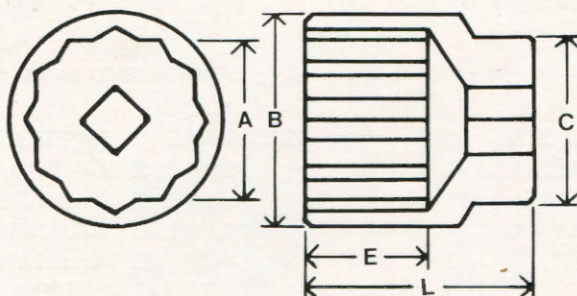




# KO-KEN HEAVY-DUTY SOCKETS & HANDLES

## 1" SQUARE DRIVE

(25.4mm sg.dr)



### HEAVY DUTY SOCKET WRENCH SETS

**NO.800M** (8pcs, 12-point, Sockets, MM Size)  
35mm, 38mm, 41mm, 46mm, 50mm, 54mm, 58mm, 63mm.  
NO. 8985 SLIDING BAR T HANDLE.  
NO. 8961 EXTENSION BAR.  
NO. 8962 EXTENSION BAR.  
NO. 8970 UNIVERSAL JOINT.  
METAL BOX, 600mmx115mmx150mm.  
NET WT. 23kg (50.7Lbs)

**NO.800** (8pcs, 12-point, Sockets, Inch Size)  
1 $\frac{1}{16}$ ", 1 $\frac{1}{2}$ ", 1 $\frac{3}{8}$ ", 1 $\frac{1}{4}$ ", 2", 2 $\frac{1}{8}$ ", 2 $\frac{1}{4}$ ", 2 $\frac{1}{2}$ ".  
NO. 8985 SLIDING BAR T HANDLE.  
NO. 8961 EXTENSION BAR.  
NO. 8962 EXTENSION BAR.  
NO. 8970 UNIVERSAL JOINT.  
METAL BOX, 23 $\frac{3}{8}$ "x4 $\frac{1}{2}$ "x6".  
NET WT. 23kg (50.7Lbs)

### HEAVY DUTY 12POINT SOCKETS

NO.	A mm	B inches	C inches	E inches	L inches	WT. Lbs (gr)
8735 M	35	2 $\frac{3}{32}$	2 $\frac{1}{64}$	1 $\frac{9}{32}$	2 $\frac{15}{32}$	1.32 ( 600)
8738 M	38	2 $\frac{13}{64}$	2 $\frac{3}{32}$	1 $\frac{11}{32}$	2 $\frac{35}{64}$	1.54 ( 700)
8741 M	41	2 $\frac{3}{8}$	2 $\frac{5}{32}$	1 $\frac{13}{32}$	2 $\frac{43}{64}$	1.76 ( 800)
8746 M	46	2 $\frac{7}{16}$	2 $\frac{1}{8}$	1 $\frac{3}{8}$	2 $\frac{5}{64}$	2.2 (1,000)
8750 M	50	2 $\frac{11}{16}$	2 $\frac{15}{32}$	1 $\frac{3}{8}$	3 $\frac{1}{32}$	2.87 (1,300)
8754 M	54	2 $\frac{27}{32}$	2 $\frac{11}{16}$	1 $\frac{37}{64}$	3 $\frac{7}{64}$	3.3 (1,500)
8755 M	55	2 $\frac{61}{64}$	2 $\frac{11}{16}$	1 $\frac{37}{64}$	3 $\frac{5}{32}$	3.44 (1,570)
8758 M	58	3 $\frac{1}{32}$	2 $\frac{55}{64}$	1 $\frac{37}{64}$	3 $\frac{17}{64}$	3.52 (1,600)
8760 M	60	3 $\frac{5}{32}$	3	1 $\frac{25}{32}$	3 $\frac{25}{64}$	4.15 (1,900)
8763 M	63	3 $\frac{5}{16}$	3 $\frac{1}{16}$	1 $\frac{25}{32}$	3 $\frac{15}{32}$	4.62 (2,100)
8765 M	65	3 $\frac{27}{64}$	3 $\frac{1}{16}$	1 $\frac{25}{32}$	3 $\frac{35}{64}$	5.25 (2,400)
8767 M	67	3 $\frac{1}{2}$	3 $\frac{5}{32}$	1 $\frac{31}{32}$	3 $\frac{21}{32}$	5.7 (2,600)
8770 M	70	3 $\frac{43}{64}$	3 $\frac{7}{32}$	1 $\frac{31}{32}$	3 $\frac{25}{32}$	6.1 (2,800)
8771 M	71	3 $\frac{55}{64}$	3 $\frac{9}{32}$	1 $\frac{31}{32}$	3 $\frac{55}{64}$	6.6 (3,000)
8775 M	75	4 $\frac{3}{16}$	3 $\frac{5}{16}$	2 $\frac{13}{64}$	3 $\frac{31}{32}$	7.0 (3,200)
8780 M	80	4 $\frac{1}{2}$	3 $\frac{5}{8}$	2 $\frac{9}{32}$	4 $\frac{3}{16}$	7.6 (3,500)
8746	1 $\frac{7}{16}$	2 $\frac{1}{8}$	1	1 $\frac{1}{16}$	2 $\frac{15}{32}$	1.19 ( 540)
8748	1 $\frac{1}{2}$	2 $\frac{1}{4}$	1 $\frac{3}{32}$	1 $\frac{1}{16}$	2 $\frac{35}{64}$	1.43 ( 650)
8752	1 $\frac{5}{8}$	2 $\frac{3}{8}$	1 $\frac{1}{32}$	1 $\frac{1}{4}$	2 $\frac{43}{64}$	1.5 ( 680)
8758	1 $\frac{13}{16}$	2 $\frac{5}{8}$	1 $\frac{1}{8}$	1 $\frac{3}{8}$	2 $\frac{55}{64}$	2.2 (1,000)
8760	1 $\frac{7}{8}$	2 $\frac{31}{64}$	1 $\frac{1}{8}$	1 $\frac{3}{8}$	2 $\frac{27}{32}$	2.2 (1,000)
8764	2	2 $\frac{11}{16}$	1 $\frac{29}{64}$	1 $\frac{3}{8}$	3 $\frac{1}{32}$	2.65 (1,200)
8768	2 $\frac{1}{8}$	2 $\frac{27}{32}$	1 $\frac{31}{32}$	1 $\frac{37}{64}$	3 $\frac{7}{64}$	3.09 (1,400)
8770	2 $\frac{3}{16}$	2 $\frac{61}{64}$	1 $\frac{47}{64}$	1 $\frac{37}{64}$	3 $\frac{5}{32}$	3.5 (1,600)
8772	2 $\frac{1}{4}$	3 $\frac{1}{32}$	1 $\frac{51}{64}$	1 $\frac{37}{64}$	3 $\frac{17}{64}$	3.6 (1,900)
8776	2 $\frac{3}{8}$	3 $\frac{5}{32}$	1 $\frac{15}{16}$	1 $\frac{25}{32}$	3 $\frac{25}{64}$	4.4 (2,000)
8780	2 $\frac{1}{2}$	3 $\frac{5}{16}$	2 $\frac{3}{64}$	1 $\frac{25}{32}$	3 $\frac{15}{32}$	4.85 (2,200)
8784	2 $\frac{5}{8}$	3 $\frac{1}{2}$	2 $\frac{7}{32}$	1 $\frac{31}{32}$	3 $\frac{21}{32}$	5.06 (2,300)
8788	2 $\frac{3}{4}$	3 $\frac{43}{64}$	2 $\frac{3}{16}$	1 $\frac{31}{32}$	3 $\frac{25}{32}$	6.2 (2,810)

### HEAVY DUTY HANDLES

(SL-22) NO. 8985 SLIDING BAR T HANDLE, 550mm (22"), 3.5kg (7.8Lbs)  
(EXD-8) NO. 8961 EXTENSION BAR, 200mm (8"), 1.5kg (3.38Lbs)  
(EXD-16) NO. 8962 EXTENSION BAR, 800mm (16"), 2.6kg (5.86Lbs)  
(# 20) NO. 8970 UNIVERSAL JOINT, 140mm (5 $\frac{1}{2}$ " ), 1.1kg (2.43Lbs)  
(RH-32) NO. 8949 REVERSIBLE RATCHET, 800mm (32"), 4kg (8.8Lbs)  
(A-11) NO. 8924 ADAPTER, 1"Fx $\frac{3}{4}$ "M, 60mm (2 $\frac{3}{8}$ " ), 500gr (1.1Lbs)

**NO.900M** (8pcs, 12-point, Sockets, MM Size)  
35mm, 38mm, 41mm, 46mm, 50mm, 54mm, 58mm, 63mm.  
NO. 8985 SLIDING BAR T HANDLE,  
NO. 8949 REVERSIBLE RATCHET,  
NO. 8961 EXTENSION BAR,  
NO. 8962 EXTENSION BAR,  
NO. 8970 UNIVERSAL JOINT,  
METAL BOX, 600mmx115mmx150mm.  
NET WT. 27kg (59.5Lbs)

**NO.900** (8pcs, 12-point, Sockets, Inch Size)  
1 $\frac{1}{16}$ ", 1 $\frac{1}{2}$ ", 1 $\frac{3}{8}$ ", 1 $\frac{1}{4}$ ", 2", 2 $\frac{1}{8}$ ", 2 $\frac{1}{4}$ ", 2 $\frac{1}{2}$ ".  
NO. 8985 SLIDING BAR T HANDLE,  
NO. 8949 REVERSIBLE RATCHET,  
NO. 8961 EXTENSION BAR,  
NO. 8962 EXTENSION BAR,  
NO. 8970 UNIVERSAL JOINT,  
METAL BOX, 23 $\frac{3}{8}$ "x4 $\frac{1}{2}$ "x6".  
NET WT. 27kg (59.5Lbs)

**NO.850M** (11pcs, 12-point, Sockets, MM Size)  
46mm, 50mm, 54mm, 55mm, 58mm, 60mm, 63mm,  
65mm, 67mm, 70mm, 71mm.  
NO. 8985 SLIDING BAR T HANDLE,  
NO. 8949 REVERSIBLE RATCHET,  
NO. 8961 EXTENSION BAR,  
NO. 8962 EXTENSION BAR,  
NO. 8924 ADAPTER 1"Fx $\frac{3}{4}$ "M.  
METAL BOX, 600mmx115mmx150mm.  
NET WT. 32kg (70Lbs)





## comparative table of international bolt, nut and screw sizes.

when ordering your KO-KEN wrenches always specify the dimensions across flats. owing to the numerous bolt-size systems in use the diameter of the bolt alone is not a sufficient indication.

METRIC SYSTEM												ENGLISH SYSTEM												AMERICAN SYSTEM											
Dimensions across flats	Diameter of Bolt											Dimensions across flats	Diameter of Bolt				Dimensions across flats	Diameter of Bolt																	
	France		Germany		Sweden			Norway		Great Britain U.S.A.-Canada	Great Britain U.S.A.-Canada			U.S.A.																					
	Afnor	Din	Sms			Denmark		BSW BSF BSW	BSF BSW		BA		Unified System BS 192-1954			American Standard																			
													Heavy Series	Regular Series	Special Series Bolts and Nuts	Heavy Series		Regular Series	Light Series	Square Head Screws	Square Head Long Bolt	Special Nuts													
mm	Bolts and Nuts	Bolts and Nuts	Bolts and Nuts	Bolts and Nuts	Bolts and Nuts	Bolts and Nuts	Bolts and Nuts	Bolts and Nuts	Bolts and Nuts	Bolts and Nuts	Inches	mm	Bolts and Nuts	Bolts and Nuts	Bolts and Nuts	Inches	mm	Bolts	Nuts	Bolts	Nuts	Screws	Machine-made Nuts	Standard Nuts	Inches	mm	Bolts	Nuts	Bolts	Nuts	Nuts	Screws	Bolts	Nuts	
8	5	5			5	4			4		0.324	8.23			2	11/32	8.73							8	11/32	8.73								8	
9	5.5		5	3/16		5			5		0.365	9.27		1/8	3/16	1	3/8	9.53						10	3/8	9.53		1/4			3/8	1/4	10		
10	6	6	6		6						0.413	10.44		7/32	0										13/32	10.32									
11		7	7	1/4	7	6	1/4		6 7	1/4	0.445	11.30	3/16	1/4		7/16	11.11			1/4	1/4		1/4	1/4	7/16	11.11			1/4	1/4	7/16			12 14	
12	7				8											1/2	12.7			5/16	5/16		5/16		1/2	12.7		1/4	5/16		5/16	1/2	5/16		
13		8					5/16	1/4			0.525	13.33	1/4	5/16		9/16	14.29			3/8	3/8		3/8	5/16	9/16	14.29			3/8	5/16	3/8	9/16	3/8	5/16	
14	8		8	5/16		8			8	5/16															19/32	15.08			5/16						
15				10			3/8	5/16			0.600	15.24	5/16	3/8											19/32	15.08			5/16						
16	9															5/8	15.88			7/16			3/8	5/8	15.88			7/16	3/8	7/16	5/8	7/16	3/8		
17	10	10	10	3/8		10			9 10							11/16	17.46			7/16					11/16	17.46			3/8						
18					12		7/16	3/8			0.710	18.03	3/8	7/16																					
19	11	12	12	7/16					11	7/16						3/4	19.05			1/2	1/2				3/4	19.05			1/2	7/16	1/2	3/4	1/2		
20											0.820	20.83	7/16	1/2											25/32	19.84									
21	12				14		1/2	7/16								13/16	20.64			9/16					13/16	20.64			1/2						
22		14	14	1/2		12 14			12 14	1/2						7/8	22.23	1/2	1/2		9/16				7/8	22.23	1/2	1/2	9/16	9/16	9/16	7/8	9/16		
23	14							1/2			0.920	23.34	1/2	9/16		15/16	23.81			5/8	5/8				15/16	23.81	9/16	9/16	5/8		5/8	5/8			
24		16	16		16		5/8				1.010	25.65	9/16	5/8		1	25.4							1	25.4				5/8		1				
25																																			
26	16															1 1/16	26.99	5/8	5/8						1 1/16	26.99	5/8	5/8		3/4					
27		18	18	5/8	18	16			16	5/8																									
28							3/4	5/8																											
29	18										1.100	27.94	5/8	11/16		1 1/8	28.56			3/4	3/4				1 1/8	28.56			3/4	3/4		1 1/8	3/4		
30		20	20		20						1.200	30.48	11/16	3/4											1 3/16	30.16									
32	20	22	22	3/4	22	18 20			18 20	3/4						1 1/4	31.75	3/4	3/4						1 1/4	31.75	3/4	3/4			7/8	1 1/4			
33							7/8	3/4			1.300	33.02	3/4	7/8		1 5/16	33.34			7/8	7/8				1 5/16	33.34			7/8	7/8		7/8			
34					29						1.390	35.30	13/16	15/16											1 3/8	34.93						1 3/8			
35	22																																		
36		24	24	7/8		22 24			22 24	7/8						1 7/16	36.51	7/8	7/8						1 7/16	36.51	7/8	7/8		1					
37						1	7/8				1.480	37.59	7/8	1																					
38	24					1										1 1/2	38.10			1	1				1 1/2	38.10			1	1		1 1/2	1		
41		27	27	1		27			27	1	1.580	40.13	15/16	1 1/16		1 5/8	41.28	1	1						1 5/8	41.30	1	1			1 1/8				
42	27						1 1/8	1			1.670	42.42	1	1 1/8											1 11/16	42.86			1 1/8	1 1/8		1 1/8			
46	30	30	30	1 1/8					30	1 1/8						1 13/16	46.04	1 1/8	1 1/8						1 13/16	46.01	1 1/8	1 1/8			1 1/4				
47							1 1/4	1 1/8			1.860	47.24	1 1/8	1 1/4											1 7/8	47.63			1 1/4	1 1/4		1 1/4			
50	33	33	33	1 1/4					33	1 1/4						2	50.8	1 1/4	1 1/4						2	50.8	1 1/4	1 1/4			1 3/8				





**KO-KEN TOOL CO., LTD.**